

CLAIMS

What is claimed is:

1. A damper comprising:
 - a pressure tube forming a working chamber;
 - a reservoir tube disposed around said pressure tube, said reservoir tube forming a reservoir chamber between said pressure tube and said reservoir tube;
 - a base valve assembly disposed between said working chamber and said reservoir chamber, said base valve assembly comprising:
 - a valve body defining a fluid passage, said valve body defining a first supporting member, a second supporting member disposed radially inward from said first supporting member and a third supporting member disposed between said first and second supporting members;
 - a valve disc disposed adjacent said valve body, said valve disc abutting said first and second supporting members, a clearance being formed between said valve disc and said third supporting member.
2. The damper according to Claim 1 wherein said first, second and third supporting members are annular in shape.
3. The damper according to Claim 2 further comprising a biasing member for urging said valve disc towards said valve body.

4. The damper according to Claim 1 further comprising a biasing member for urging said valve disc towards said valve body.

5. The damper according to Claim 1 wherein said clearance is approximately .10 millimeter.

6. The damper according to Claim 1 wherein each of said first, second and third supporting members comprises a land formed on said valve body.

7. The damper according to Claim 6 wherein said first, second and third supporting members are annular in shape.

8. The damper according to Claim 7 further comprising a biasing member for urging said valve disc towards said valve body.

9. The damper according to Claim 7 wherein said clearance is approximately .10 millimeter.

10. The damper according to Claim 6 further comprising a biasing member for urging said valve disc towards said valve body.

11. The damper according to Claim 6 wherein said clearance is approximately .10 millimeter.

12. A damper comprising:

a pressure tube forming a working chamber;

a piston disposed within said working chamber, said piston dividing said working chamber into an upper working chamber and a lower working chamber, said piston defining a first supporting member, a second supporting member disposed radially inward from said first supporting member and a third supporting member disposed between said first and second supporting members;

a valve disc disposed adjacent said piston, said valve disc abutting said first and second supporting members, a clearance being formed between said valve disc and said third supporting member.

13. The damper according to Claim 12 wherein said first, second and third supporting members are annular in shape.

14. The damper according to Claim 13 further comprising a biasing member for urging said valve disc towards said valve body.

15. The damper according to Claim 12 further comprising a biasing member for urging said valve disc towards said valve body.

16. The damper according to Claim 12 wherein said clearance is approximately .10 millimeter.

17. The damper according to Claim 12 wherein each of said first, second and third supporting members comprises a land formed on said valve body.

18. The damper according to Claim 17 wherein said first, second and third supporting members are annular in shape.

19. The damper according to Claim 18 further comprising a biasing member for urging said valve disc towards said valve body.

20. The damper according to Claim 18 wherein said clearance is approximately .10 millimeter.

21. The damper according to Claim 17 further comprising a biasing member for urging said valve disc towards said valve body.

22. The damper according to Claim 17 wherein said clearance is approximately .10 millimeter.